

IN THE CLAIMS

1-40. (Canceled).

41. (Currently Amended) A fluid bearing comprising:
a bearing plate having a face surface including an orifice coupled to a plurality of
grooves edged on the face surface to supply fluid; and
a surface restrictor disposed within ~~at least one~~each groove to restrict a flow of the
fluid in ~~the~~at least one~~each~~ groove as a pressure of the flow of the fluid
increases within ~~the~~at least one~~each~~ groove, wherein each surface restrictor of
each groove has a pattern different than a remainder of the surface restrictors of
a remainder of the grooves.

42. (Original) A fluid bearing as in claim 41 wherein said surface restrictor is etched on
said face surface.

43 - 44. (Canceled)

45. (Currently Amended) A method of forming a bearing member for a fluid interface
comprising:
etching a pattern in a bearing plate surface of a bearing plate, said bearing plate surface
providing a surface for said fluid interface and said pattern providing for fluid
flow in said fluid interface; and
forming at least one surface restrictor within the pattern to restrict the fluid flowing
within the pattern as a pressure of the flow of the fluid increases within the
pattern, wherein the pattern comprises an orifice and a plurality of grooves
coupled to the orifice to supply the fluid and each groove includes a surface

OK TO ENTER
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